

[METHOD AND APPARATUS FOR EFFICIENTLY RUNNING AN EXECUTION IMAGE USING VOLATILE AND NON-VOLATILE MEMORY]

Abstract of Disclosure

The present invention provides an apparatus and method for efficiently running an execution image containing instructions for running a computer program in a set-top box. A non-volatile memory stores a compressed version of the execution image. A volatile memory is configured to execute the execution image. A computing unit transfers and decompresses the compressed version of the execution image from the non-volatile memory to the volatile memory where the execution image in non-compressed form can be executed efficiently.

Figures